



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

March 1993

FEBRUARY 1993

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

California's agricultural employment totaled 271,400 in February, a decline of 1,600 from the January 1993 total of 273,000. (Table 1-A.) Employment is nine percent above the total for February 1992. Job losses occurred in the San Joaquin Valley (Farm Labor Contracting and Grapes), the Desert (Grapes and Farm Labor Contracting), and the Sacramento Valley (Horticultural Specialties and General Crop Farms). Offsetting job gains occurred in the South Coast (Berries and Farm Labor Contracting), Central Coast (Berries), and the North Coast (Grapes).

Wage and Salary Workers in Agricultural Establishments For February 1993 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	271.4	120.9	53.7	34.6	32.6	17.2	11.6
Total Crops	153.0	60.3	36.6	21.1	14.8	11.4	8.5
Total Livestock	24.6	12.6	2.1	1.1	5.2	2.2	1.8
Total Services	93.8	48.0	15.0	12.4	12.6	3.6	1.3

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Employment this February was 22,100 above the total for February 1992. The following industries accounted for most of this gain; Grapes, Farm Labor Contracting, and Crop Preparation Services for Market. Employment was up in all regions except the Desert. The San Joaquin Valley Region accounted for about two-thirds of this increase. (Tables 1-A through 7-A.)

Average hourly earnings this February were \$6.76, an increase of three cents over February 1992. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during February were:

- Desert: Broccoli and lettuce (harvest).
- South Coast: Lemons, broccoli and strawberries (harvest), tomatoes and horticulture (plant, cultivate & harvest).
- Central Coast: Miscellaneous vegetables (preharvest/harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Lemons and navel oranges (harvest), miscellaneous vegetables (plant, cultivate & harvest), lettuce (thin/hoe), orchards (prune), and vineyards (prune & tie).
- Sacramento Valley: Orchards (prune).
- North Coast: Grapes (prune).

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 241,800 in February, a decline of 3,300 from January. (Table 1-B.)

In February, the statewide average weekly earnings for production workers were \$250.12. The Regional averages ranged from a low of \$241.49 in the San Joaquin Valley, to a high of \$301.18 in the North Coast. (Tables 1-C through 7-C.)

The statewide average hourly work week was 37.0 hours in February, an increase of 4.4 hours from the weather-depressed January level. The shortest average work week, 35.9 hours, was in the Central Coast Region. The North Coast Region recorded the longest average work week, 41.6 hours. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For February 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.76	6.58	6.66	7.71	6.76	6.59	7.24
Total Crops	6.60	6.45	6.47	7.54	6.55	6.59	7.06
Total Livestock	7.42	7.34	7.89	7.45	8.18	7.03	6.78
Total Services	6.83	6.49	6.98	8.05	6.27	6.32	8.53

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

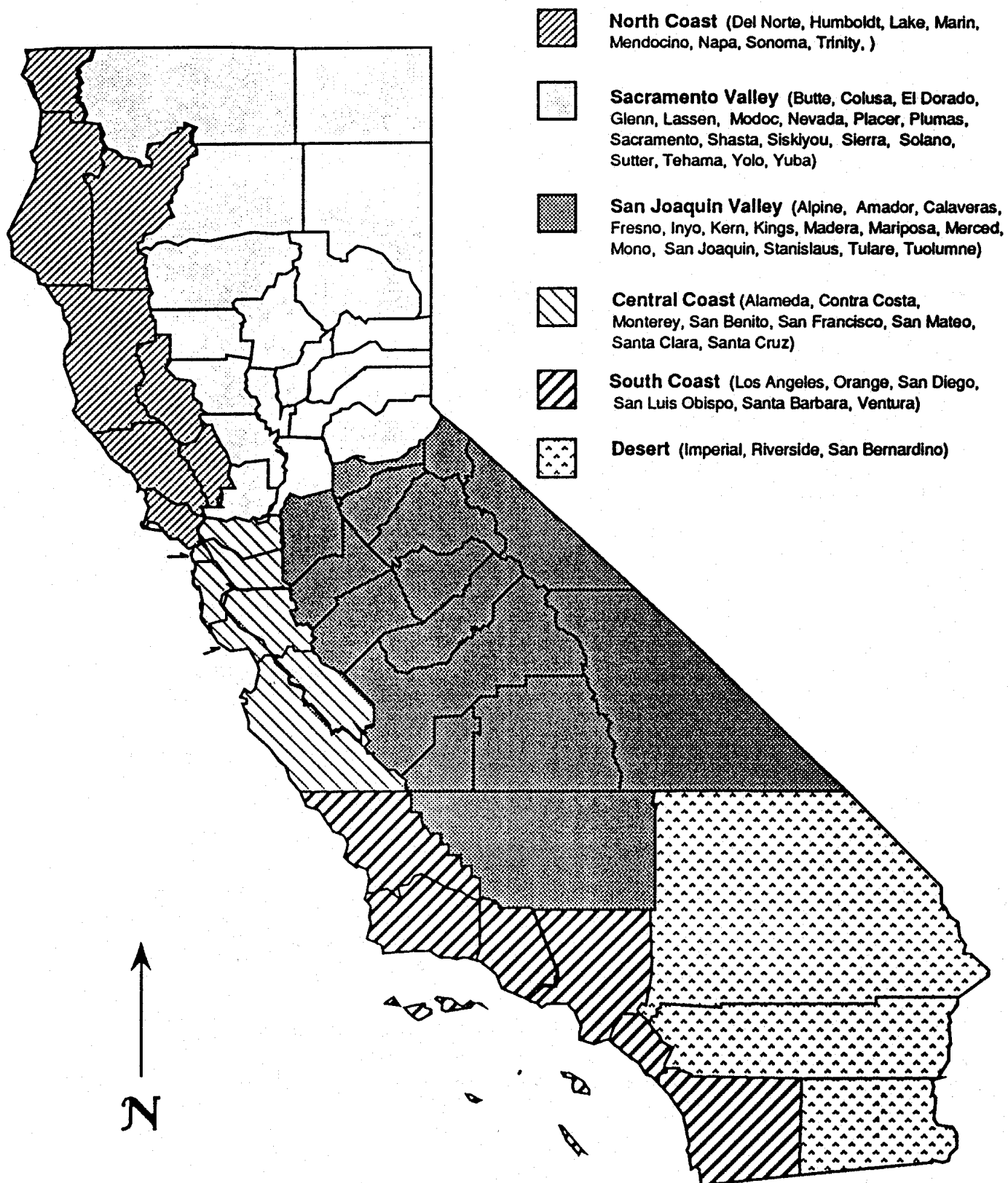
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2321. (ATSS 8-469-2321).**

CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

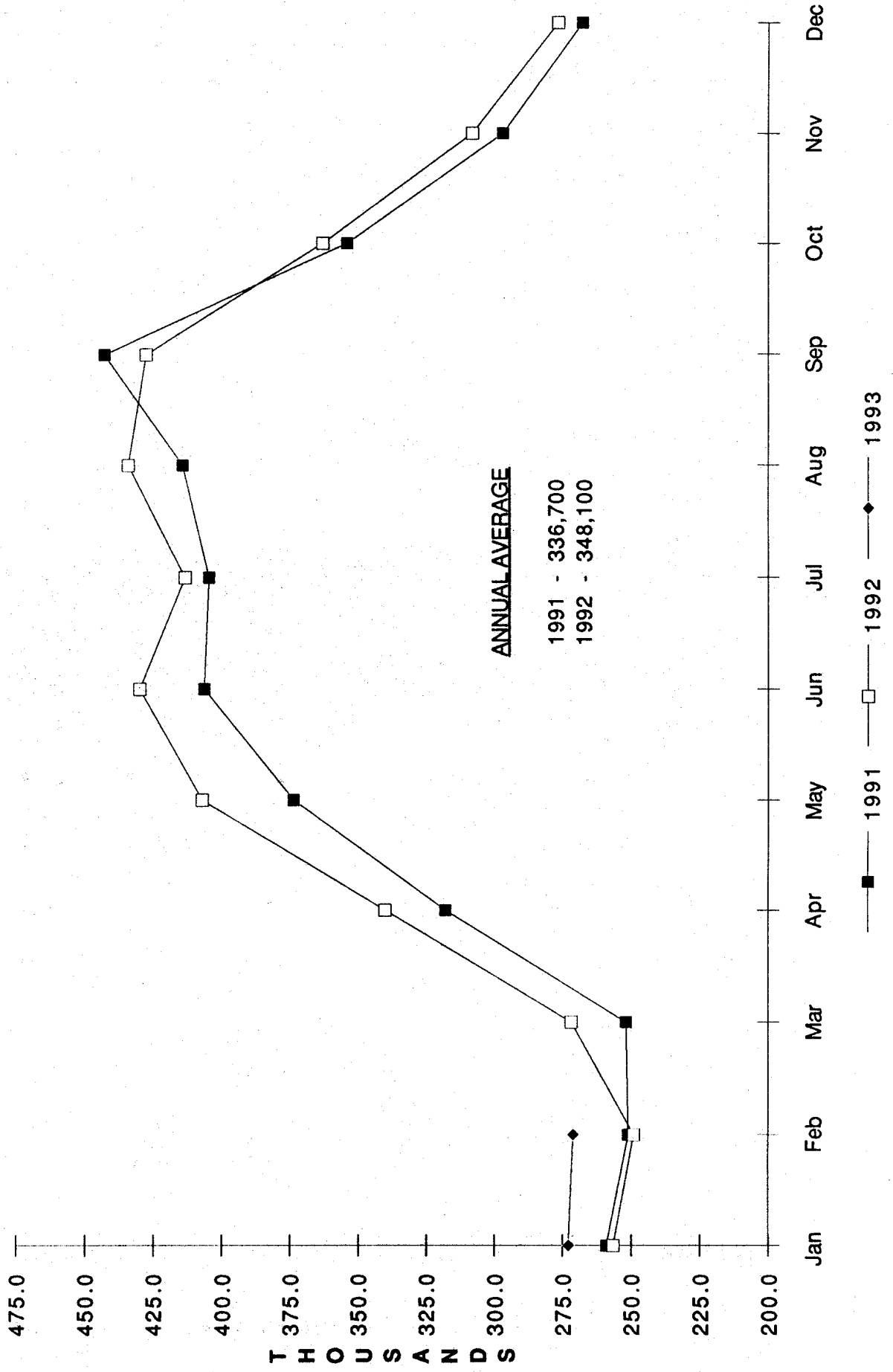


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	271.4	273.0	249.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	153.0	152.2	139.1
CASH GRAINS	1.9	1.8	1.8
RICE	0.9	0.9	0.9
OTHER CASH GRAINS	1.0	0.9	0.9
FIELD CROPS EXCEPT CASH GRAINS	7.3	6.6	7.6
COTTON	3.8	3.5	4.3
OTHER FIELD CROPS	3.5	3.1	3.3
VEGETABLES AND MELONS	20.3	18.8	19.0
TOTAL FRUITS AND TREE NUTS	68.4	67.5	59.2
BERRIES	11.0	5.8	9.8
GRAPES	29.5	32.6	23.9
TREE NUTS	6.4	6.8	5.8
CITRUS FRUITS	5.6	4.9	4.7
DECIDUOUS TREE FRUIT	8.8	10.2	8.2
OTHER FRUITS AND NUTS	7.1	7.2	6.8
TOTAL HORTICULTURAL SPECIALTIES	28.6	31.2	29.3
ORNAMENTAL FLORAL & NURSERY	25.3	28.0	26.0
FOOD CROPS GROWN UNDER COVER	3.3	3.2	3.3
GENERAL FARM PRIMARILY CROP	26.5	26.3	22.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	24.6	24.3	25.6
BEEF CATTLE FEED LOTS	0.7	0.7	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.6	3.7
DAIRY FARMS	12.9	12.8	12.5
CHICKEN EGGS	2.4	2.4	3.0
TURKEYS & TURKEY EGGS	0.9	0.9	1.1
OTHER LIVESTOCK	4.0	3.9	4.5
TOTAL AGRICULTURAL SERVICES	93.8	96.5	84.6
SOIL PREPARATION SERVICES	0.8	0.8	0.7
CROP SERVICES	39.6	38.2	34.7
PLANT CULTIVATE & PROTECTION	6.0	5.1	4.7
HARVEST PRIMARILY BY MACHINE	5.7	5.8	5.3
PREPARATION SVCS FOR MARKET	27.0	26.4	24.1
COTTON GINNING	0.9	0.9	0.6
TOTAL FARM LABOR & MANAGEMENT	53.4	57.5	49.2
FARM LABOR CONTRACTORS	46.3	50.5	43.3
FARM MANAGEMENT SERVICES	7.1	7.0	5.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	241.8	245.1	222.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	132.4	133.9	121.9
CASH GRAINS	1.4	1.3	1.4
RICE	0.6	0.6	0.6
OTHER CASH GRAINS	0.8	0.7	0.8
FIELD CROPS EXCEPT CASH GRAINS	6.3	5.6	6.5
COTTON	3.4	3.1	3.7
OTHER FIELD CROPS	2.9	2.5	2.8
VEGETABLES AND MELONS	17.9	16.5	16.4
TOTAL FRUITS AND TREE NUTS	63.2	62.3	54.2
BERRIES	10.6	5.3	9.5
GRAPES	27.0	30.3	21.9
TREE NUTS	5.6	5.9	5.1
CITRUS FRUITS	5.2	4.5	4.3
DECIDUOUS TREE FRUIT	8.1	9.5	7.2
OTHER FRUITS AND NUTS	6.7	6.8	6.2
TOTAL HORTICULTURAL SPECIALTIES	22.9	24.8	23.5
ORNAMENTAL FLORAL & NURSERY	20.1	22.0	20.6
FOOD CROPS GROWN UNDER COVER	2.8	2.8	2.9
GENERAL FARM PRIMARILY CROP	20.7	23.4	19.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	21.3	21.0	21.6
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.0	2.9
DAIRY FARMS	11.7	11.5	11.6
CHICKEN EGGS	1.9	1.9	1.8
TURKEYS & TURKEY EGGS	0.7	0.7	0.9
OTHER LIVESTOCK	3.4	3.3	3.8
TOTAL AGRICULTURAL SERVICES	88.1	90.2	78.9
SOIL PREPARATION SERVICES	0.6	0.5	0.5
CROP SERVICES	35.7	34.1	30.6
PLANT CULTIVATE & PROTECTION	5.2	4.1	3.6
HARVEST PRIMARILY BY MACHINE	5.5	5.5	4.9
PREPARATION SVCS FOR MARKET	24.4	23.8	21.7
COTTON GINNING	0.6	0.7	0.4
TOTAL FARM LABOR & MANAGEMENT	51.8	55.6	47.8
FARM LABOR CONTRACTORS	45.4	49.4	42.7
FARM MANAGEMENT SERVICES	6.4	6.2	5.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	250.12	221.03	234.88
TOTAL AGRICULTURAL PRODUCTION/CROPS	250.80	226.46	225.69
CASH GRAINS	313.17	286.50	322.03
RICE	360.90	288.14	391.51
OTHER CASH GRAINS	277.31	284.86	266.49
FIELD CROPS EXCEPT CASH GRAINS	304.02	291.21	268.49
COTTON	329.96	321.09	293.34
OTHER FIELD CROPS	273.43	255.50	235.88
VEGETABLES AND MELONS	281.59	269.28	257.37
TOTAL FRUITS AND TREE NUTS	220.63	199.33	185.06
BERRIES	162.62	147.42	138.84
GRAPES	249.45	214.75	188.67
TREE NUTS	239.60	200.93	210.28
CITRUS FRUITS	234.05	197.51	234.55
DECIDUOUS TREE FRUIT	189.00	176.12	172.47
OTHER FRUITS AND NUTS	209.84	201.79	204.68
TOTAL HORTICULTURAL SPECIALTIES	302.17	263.90	284.69
ORNAMENTAL FLORAL & NURSERY	291.21	250.18	274.65
FOOD CROPS GROWN UNDER COVER	377.14	367.98	353.60
GENERAL FARM PRIMARILY CROP	237.64	209.56	220.16
TOTAL AGRIC PRODUCTION/LIVESTOCK	339.84	339.09	351.86
BEEF CATTLE FEED LOTS	353.76	380.31	356.52
BEEF CATTLE EXCEPT FEED LOTS	296.86	305.95	331.42
DAIRY FARMS	355.89	356.80	378.93
CHICKEN EGGS	319.21	309.60	295.75
TURKEYS & TURKEY EGGS	327.89	326.95	355.51
OTHER LIVESTOCK	335.14	318.74	308.33
TOTAL AGRICULTURAL SERVICES	229.49	186.12	217.38
SOIL PREPARATION SERVICES	515.68	381.37	439.47
CROP SERVICES	266.80	239.58	246.58
PLANT CULTIVATE & PROTECTION	328.68	272.05	257.52
HARVEST PRIMARILY BY MACHINE	258.06	207.07	250.87
PREPARATION SVCS FOR MARKET	255.53	238.52	243.31
COTTON GINNING	311.17	336.18	329.45
TOTAL FARM LABOR & MANAGEMENT	199.86	151.35	195.91
FARM LABOR CONTRACTORS	193.70	145.63	193.12
FARM MANAGEMENT SERVICES	245.72	198.65	217.41

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	37.0	32.6	34.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.0	33.6	34.3
CASH GRAINS	42.9	38.2	43.4
RICE	44.5	36.8	47.0
OTHER CASH GRAINS	41.7	39.4	40.5
FIELD CROPS EXCEPT CASH GRAINS	42.7	39.3	39.6
COTTON	45.2	41.7	41.2
OTHER FIELD CROPS	39.8	36.5	37.5
VEGETABLES AND MELONS	40.4	37.4	36.3
TOTAL FRUITS AND TREE NUTS	35.3	31.0	29.8
BERRIES	30.8	26.0	26.7
GRAPES	38.2	32.1	28.5
TREE NUTS	40.0	33.6	35.4
CITRUS FRUITS	31.0	26.3	30.5
DECIDUOUS TREE FRUIT	31.5	29.6	30.1
OTHER FRUITS AND NUTS	34.8	32.6	34.0
TOTAL HORTICULTURAL SPECIALTIES	42.8	37.7	41.2
ORNAMENTAL FLORAL & NURSERY	42.7	36.9	41.3
FOOD CROPS GROWN UNDER COVER	43.2	43.6	40.0
GENERAL FARM PRIMARILY CROP	36.9	31.8	34.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.8	45.7	48.2
BEEF CATTLE FEED LOTS	52.1	54.8	54.1
BEEF CATTLE EXCEPT FEED LOTS	39.9	41.4	45.4
DAIRY FARMS	47.2	47.7	51.0
CHICKEN EGGS	46.6	45.0	45.5
TURKEYS & TURKEY EGGS	52.8	50.3	56.7
OTHER LIVESTOCK	43.3	40.5	40.2
TOTAL AGRICULTURAL SERVICES	33.6	28.2	32.3
SOIL PREPARATION SERVICES	49.3	38.6	45.4
CROP SERVICES	36.8	33.0	34.2
PLANT CULTIVATE & PROTECTION	41.5	34.7	34.8
HARVEST PRIMARILY BY MACHINE	34.5	28.8	36.2
PREPARATION SVCS FOR MARKET	36.4	33.5	33.7
COTTON GINNING	37.0	39.0	37.1
TOTAL FARM LABOR & MANAGEMENT	30.7	25.1	30.9
FARM LABOR CONTRACTORS	29.8	24.6	30.8
FARM MANAGEMENT SERVICES	37.4	29.3	31.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	6.76	6.78	6.73
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.60	6.74	6.58
CASH GRAINS	7.30	7.50	7.42
RICE	8.11	7.83	8.33
OTHER CASH GRAINS	6.65	7.23	6.58
FIELD CROPS EXCEPT CASH GRAINS	7.12	7.41	6.78
COTTON	7.30	7.70	7.12
OTHER FIELD CROPS	6.87	7.00	6.29
VEGETABLES AND MELONS	6.97	7.20	7.09
TOTAL FRUITS AND TREE NUTS	6.25	6.43	6.21
BERRIES	5.28	5.67	5.20
GRAPES	6.53	6.69	6.62
TREE NUTS	5.99	5.98	5.94
CITRUS FRUITS	7.55	7.51	7.69
DECIDUOUS TREE FRUIT	6.00	5.95	5.73
OTHER FRUITS AND NUTS	6.03	6.19	6.02
TOTAL HORTICULTURAL SPECIALTIES	7.06	7.00	6.91
ORNAMENTAL FLORAL & NURSERY	6.82	6.78	6.65
FOOD CROPS GROWN UNDER COVER	8.73	8.44	8.84
GENERAL FARM PRIMARILY CROP	6.44	6.59	6.40
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.42	7.30
BEEF CATTLE FEED LOTS	6.79	6.94	6.59
BEEF CATTLE EXCEPT FEED LOTS	7.44	7.39	7.30
DAIRY FARMS	7.54	7.48	7.43
CHICKEN EGGS	6.85	6.88	6.50
TURKEYS & TURKEY EGGS	6.21	6.50	6.27
OTHER LIVESTOCK	7.74	7.87	7.67
TOTAL AGRICULTURAL SERVICES	6.83	6.60	6.73
SOIL PREPARATION SERVICES	10.46	9.88	9.68
CROP SERVICES	7.25	7.26	7.21
PLANT CULTIVATE & PROTECTION	7.92	7.84	7.40
HARVEST PRIMARILY BY MACHINE	7.48	7.19	6.93
PREPARATION SVCS FOR MARKET	7.02	7.12	7.22
COTTON GINNING	8.41	8.62	8.88
TOTAL FARM LABOR & MANAGEMENT	6.51	6.03	6.34
FARM LABOR CONTRACTORS	6.50	5.92	6.27
FARM MANAGEMENT SERVICES	6.57	6.78	6.88

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employment

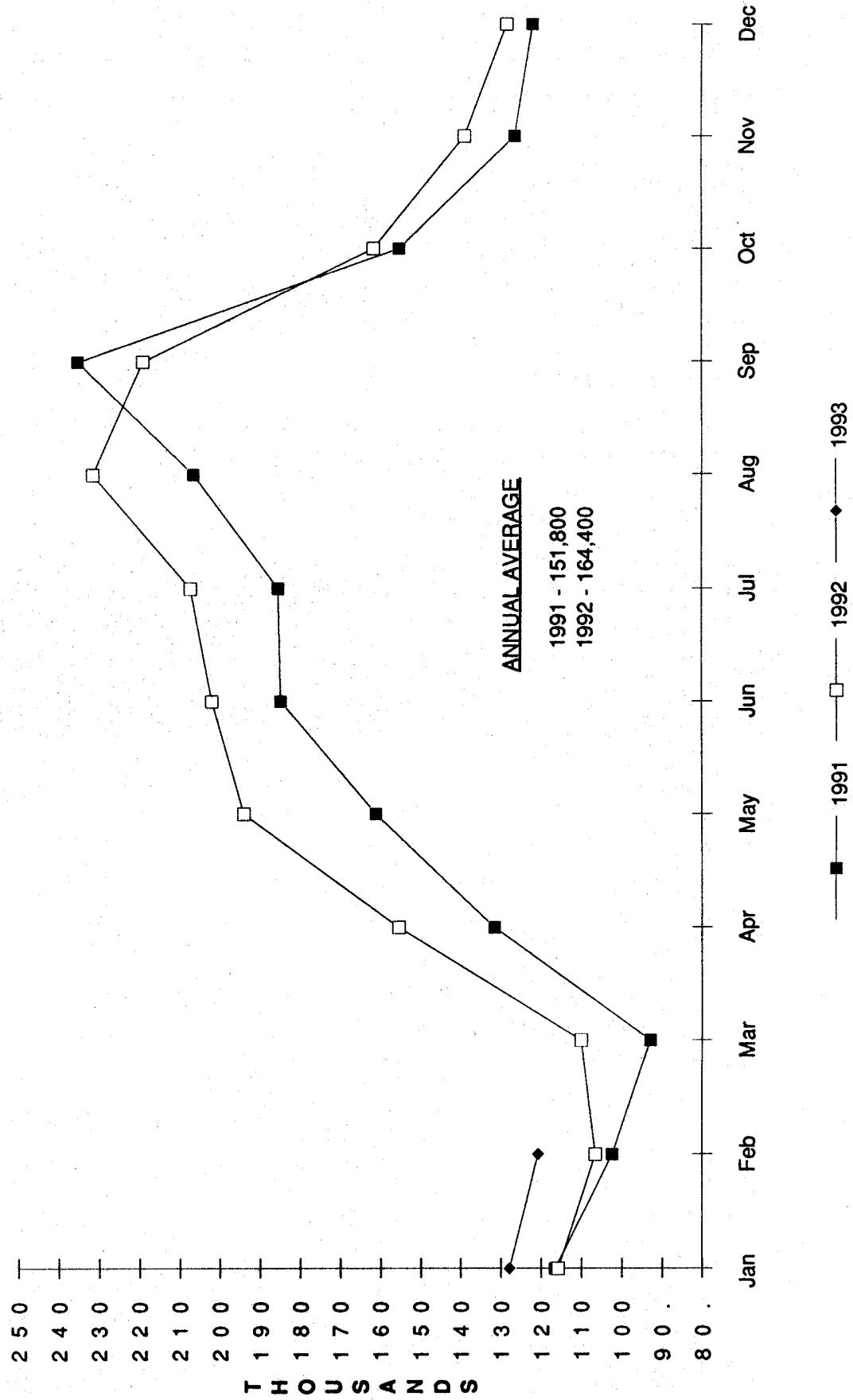


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	120.9	127.9	106.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	60.3	62.7	52.9
TOTAL FIELD CROPS	5.8	5.3	6.0
COTTON	3.6	3.3	4.1
OTHER FIELD CROPS	2.2	2.0	1.9
VEGETABLES AND MELONS	2.7	2.5	2.3
TOTAL FRUITS AND TREE NUTS	35.5	37.9	29.8
GRAPES	19.7	20.8	16.0
TREE NUTS	4.4	4.9	3.9
CITRUS FRUITS	2.9	2.6	2.2
DECIDUOUS TREE FRUIT	4.4	5.3	4.3
OTHER FRUITS AND NUTS	4.1	4.3	3.4
HORTICULTURAL SPECIALTIES	2.9	4.2	2.9
GENERAL FARM PRIMARILY CROP	13.4	12.8	11.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.6	12.6	13.0
BEEF CATTLE FEED LOTS	0.2	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.2	1.3
DAIRY FARMS	8.1	8.0	7.9
POULTRY & EGGS	1.9	2.0	2.3
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	48.0	52.6	40.7
CROP SERVICES	17.6	17.6	15.3
PLANT CULTIVATE & PROTECTION	2.8	2.5	2.5
HARVEST PRIMARILY BY MACHINE	1.1	1.3	1.3
PREPARATION SVCS FOR MARKET	12.9	12.9	10.9
COTTON GINNING	0.8	0.9	0.6
TOTAL FARM LABOR & MANAGEMENT	30.4	35.0	25.4
FARM LABOR CONTRACTORS	27.1	31.5	22.5
FARM MANAGEMENT SERVICES	3.3	3.5	2.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	111.0	116.4	97.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	54.6	56.1	47.7
TOTAL FIELD CROPS	5.0	4.5	5.1
COTTON	3.2	2.9	3.5
OTHER FIELD CROPS	1.8	1.6	1.6
VEGETABLES AND MELONS	2.3	2.0	2.0
TOTAL FRUITS AND TREE NUTS	33.3	35.6	27.8
GRAPES	18.8	19.9	15.3
TREE NUTS	3.8	4.3	3.5
CITRUS FRUITS	2.7	2.4	2.1
DECIDUOUS TREE FRUIT	4.1	4.9	3.8
OTHER FRUITS AND NUTS	3.9	4.1	3.1
HORTICULTURAL SPECIALTIES	2.1	2.7	2.0
GENERAL FARM PRIMARILY CROP	11.9	11.3	10.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.6	11.4	11.6
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.0	1.0
DAIRY FARMS	7.6	7.5	7.3
POULTRY & EGGS	1.8	1.8	2.0
OTHER LIVESTOCK	0.9	0.9	1.1
TOTAL AGRICULTURAL SERVICES	44.8	48.9	37.8
CROP SERVICES	15.3	15.0	13.1
PLANT CULTIVATE & PROTECTION	2.3	1.9	2.0
HARVEST PRIMARILY BY MACHINE	1.0	1.1	1.1
PREPARATION SVCS FOR MARKET	11.4	11.4	9.6
COTTON GINNING	0.6	0.6	0.4
TOTAL FARM LABOR & MANAGEMENT	29.5	33.9	24.7
FARM LABOR CONTRACTORS	26.6	30.8	22.1
FARM MANAGEMENT SERVICES	2.9	3.1	2.6

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	241.49	211.24	218.09
TOTAL AGRICULTURAL PRODUCTION/CROPS	246.39	221.05	197.74
TOTAL FIELD CROPS	320.61	307.80	279.16
COTTON	329.85	321.21	291.82
OTHER FIELD CROPS	304.30	283.28	250.51
VEGETABLES AND MELONS	237.66	211.89	175.96
TOTAL FRUITS AND TREE NUTS	227.42	203.49	180.12
GRAPES	239.78	214.00	181.19
TREE NUTS	225.40	208.95	200.47
CITRUS FRUITS	224.43	197.06	163.18
DECIDUOUS TREE FRUIT	204.17	167.54	162.43
OTHER FRUITS AND NUTS	195.00	193.12	186.32
HORTICULTURAL SPECIALTIES	275.73	234.58	263.71
GENERAL FARM PRIMARILY CROP	264.11	242.37	196.84
TOTAL AGRIC PRODUCTION/LIVESTOCK	338.37	344.18	357.94
BEEF CATTLE FEED LOTS	344.32	361.44	377.46
BEEF CATTLE EXCEPT FEED LOTS	297.45	330.00	324.84
DAIRY FARMS	345.79	350.25	377.31
POULTRY & EGGS	338.10	332.28	327.21
OTHER LIVESTOCK	323.75	323.31	313.60
TOTAL AGRICULTURAL SERVICES	211.57	168.91	200.95
CROP SERVICES	267.38	244.98	226.08
PLANT CULTIVATE & PROTECTION	387.16	336.55	259.58
HARVEST PRIMARILY BY MACHINE	216.57	241.61	306.77
PREPARATION SVCS FOR MARKET	245.82	224.90	206.07
COTTON GINNING	307.64	336.80	325.83
TOTAL FARM LABOR & MANAGEMENT	183.13	135.27	188.16
FARM LABOR CONTRACTORS	174.10	129.22	183.88
FARM MANAGEMENT SERVICES	265.01	193.68	219.12

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	36.7	32.3	33.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.2	33.8	30.8
TOTAL FIELD CROPS	44.1	40.5	40.4
COTTON	45.0	41.5	40.7
OTHER FIELD CROPS	42.5	38.7	39.7
VEGETABLES AND MELONS	34.0	32.3	26.5
TOTAL FRUITS AND TREE NUTS	36.8	32.3	28.5
GRAPES	38.8	33.7	28.4
TREE NUTS	39.2	35.0	33.3
CITRUS FRUITS	28.7	25.2	19.9
DECIDUOUS TREE FRUIT	34.9	28.3	28.2
OTHER FRUITS AND NUTS	32.5	31.3	30.1
HORTICULTURAL SPECIALTIES	39.0	36.2	37.3
GENERAL FARM PRIMARILY CROP	40.2	35.8	31.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.1	46.7	49.1
BEEF CATTLE FEED LOTS	49.4	50.2	54.0
BEEF CATTLE EXCEPT FEED LOTS	37.7	40.0	41.7
DAIRY FARMS	45.8	46.7	51.9
POULTRY & EGGS	48.3	46.8	45.7
OTHER LIVESTOCK	52.9	52.4	42.9
TOTAL AGRICULTURAL SERVICES	32.6	27.2	32.1
CROP SERVICES	37.5	34.7	34.1
PLANT CULTIVATE & PROTECTION	46.2	37.9	33.8
HARVEST PRIMARILY BY MACHINE	25.3	27.9	49.8
PREPARATION SVCS FOR MARKET	36.8	34.6	32.3
COTTON GINNING	37.2	39.3	36.9
TOTAL FARM LABOR & MANAGEMENT	29.3	23.9	31.1
FARM LABOR CONTRACTORS	27.9	23.2	30.8
FARM MANAGEMENT SERVICES	41.8	30.5	33.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	6.58	6.54	6.51
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.45	6.54	6.42
TOTAL FIELD CROPS	7.27	7.60	6.91
COTTON	7.33	7.74	7.17
OTHER FIELD CROPS	7.16	7.32	6.31
VEGETABLES AND MELONS	6.99	6.56	6.64
TOTAL FRUITS AND TREE NUTS	6.18	6.30	6.32
GRAPES	6.18	6.35	6.38
TREE NUTS	5.75	5.97	6.02
CITRUS FRUITS	7.82	7.82	8.20
DECIDUOUS TREE FRUIT	5.85	5.92	5.76
OTHER FRUITS AND NUTS	6.00	6.17	6.19
HORTICULTURAL SPECIALTIES	7.07	6.48	7.07
GENERAL FARM PRIMARILY CROP	6.57	6.77	6.19
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.34	7.37	7.29
BEEF CATTLE FEED LOTS	6.97	7.20	6.99
BEEF CATTLE EXCEPT FEED LOTS	7.89	8.25	7.79
DAIRY FARMS	7.55	7.50	7.27
POULTRY & EGGS	7.00	7.10	7.16
OTHER LIVESTOCK	6.12	6.17	7.31
TOTAL AGRICULTURAL SERVICES	6.49	6.21	6.26
CROP SERVICES	7.13	7.06	6.63
PLANT CULTIVATE & PROTECTION	8.38	8.88	7.68
HARVEST PRIMARILY BY MACHINE	8.56	8.66	6.16
PREPARATION SVCS FOR MARKET	6.68	6.50	6.38
COTTON GINNING	8.27	8.57	8.83
TOTAL FARM LABOR & MANAGEMENT	6.25	5.66	6.05
FARM LABOR CONTRACTORS	6.24	5.57	5.97
FARM MANAGEMENT SERVICES	6.34	6.35	6.64

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

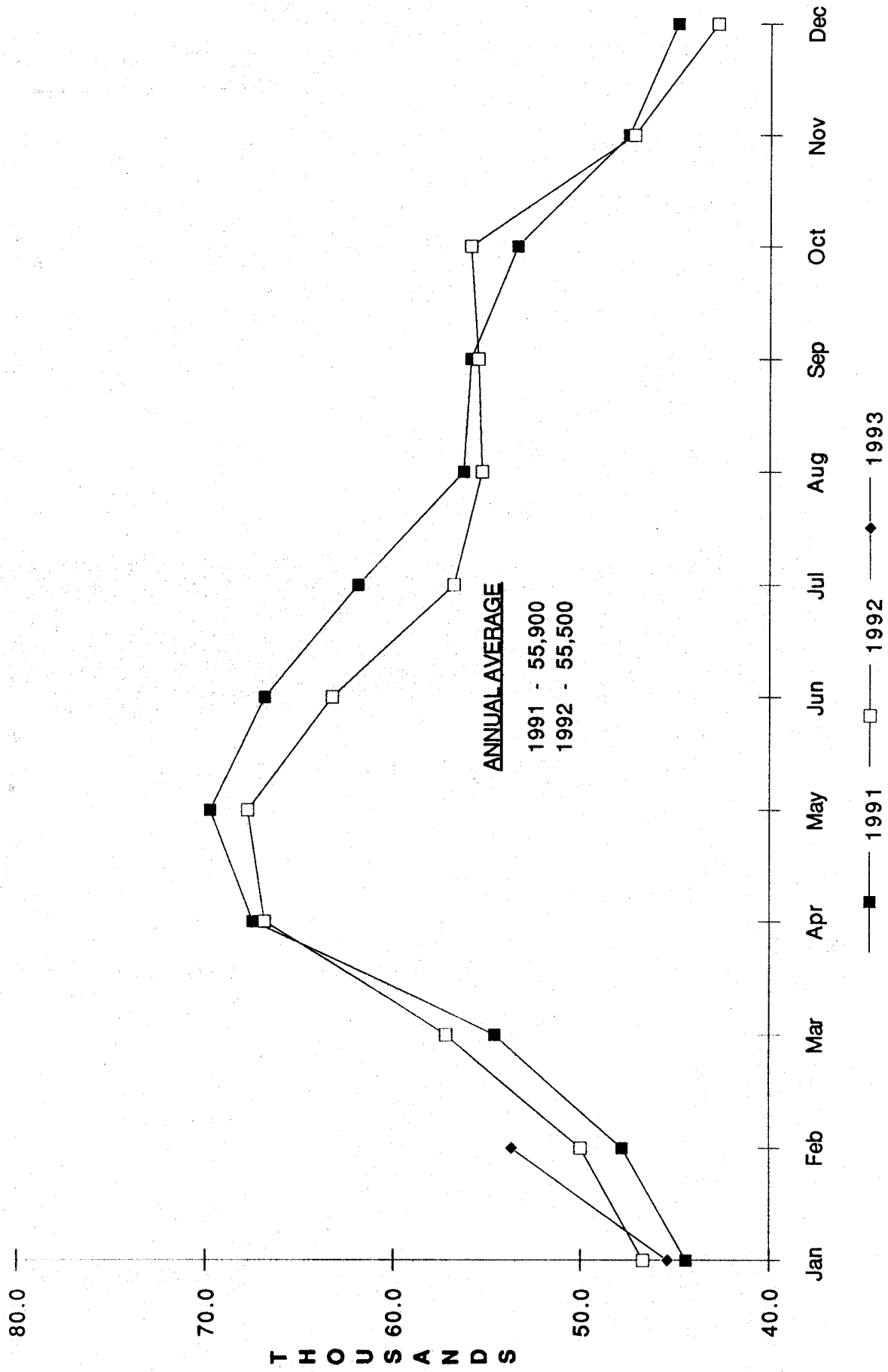


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	53.7	45.4	50.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.6	31.1	35.4
VEGETABLES AND MELONS	6.4	5.7	6.7
TOTAL FRUITS AND TREE NUTS	12.0	8.1	11.4
BERRIES	7.6	4.0	7.4
GRAPES	0.0	0.0	0.0
CITRUS FRUITS	1.6	1.5	1.6
OTHER FRUITS AND NUTS	2.8	2.6	2.4
TOTAL HORTICULTURAL SPECIALTIES	14.0	13.2	14.2
ORNAMENTAL FLORAL & NURSERY	13.2	12.4	13.4
FOOD CROPS GROWN UNDER COVER	0.8	0.8	0.8
GENERAL FARM PRIMARILY CROP	4.2	4.1	3.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.1	2.4
TOTAL AGRICULTURAL SERVICES	15.0	12.2	12.2
CROP SERVICES	5.1	4.4	4.3
HARVEST PRIMARILY BY MACHINE	2.0	1.8	2.0
PREPARATION SVCS FOR MARKET	3.1	2.6	2.3
TOTAL FARM LABOR & MANAGEMENT	9.9	7.8	7.9
FARM LABOR CONTRACTORS	8.6	6.7	6.8
FARM MANAGEMENT SERVICES	1.3	1.1	1.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	48.4	39.8	43.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	32.6	26.7	31.0
VEGETABLES AND MELONS	5.8	5.0	5.9
TOTAL FRUITS AND TREE NUTS	11.5	7.4	11.0
BERRIES	7.5	3.8	7.3
GRAPES	0.0	0.0	0.0
CITRUS FRUITS	1.4	1.2	1.4
OTHER FRUITS AND NUTS	2.6	2.4	2.3
TOTAL HORTICULTURAL SPECIALTIES	11.6	10.7	11.5
ORNAMENTAL FLORAL & NURSERY	10.9	10.0	10.8
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	3.7	3.6	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.6
TOTAL AGRICULTURAL SERVICES	14.1	11.4	11.1
CROP SERVICES	4.7	4.1	3.8
HARVEST PRIMARILY BY MACHINE	1.8	1.7	1.9
PREPARATION SVCS FOR MARKET	2.9	2.4	1.9
TOTAL FARM LABOR & MANAGEMENT	9.4	7.3	7.3
FARM LABOR CONTRACTORS	8.3	6.4	6.3
FARM MANAGEMENT SERVICES	1.1	0.9	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	250.42	220.74	244.66
TOTAL AGRICULTURAL PRODUCTION/CROPS	256.21	239.43	234.55
VEGETABLES AND MELONS	329.46	308.90	296.38
TOTAL FRUITS AND TREE NUTS	189.00	164.77	167.77
BERRIES	160.37	142.34	137.48
GRAPES	0.00	0.00	0.00
CITRUS FRUITS	265.68	220.58	231.13
OTHER FRUITS AND NUTS	230.37	170.90	227.40
TOTAL HORTICULTURAL SPECIALTIES	280.81	250.24	265.68
ORNAMENTAL FLORAL & NURSERY	274.91	238.49	261.70
FOOD CROPS GROWN UNDER COVER	383.64	419.68	331.45
GENERAL FARM PRIMARILY CROP	275.63	261.14	239.78
TOTAL AGRIC PRODUCTION/LIVESTOCK	339.27	328.30	327.41
TOTAL AGRICULTURAL SERVICES	224.76	162.57	260.23
CROP SERVICES	304.63	261.99	296.00
HARVEST PRIMARILY BY MACHINE	312.50	247.90	287.34
PREPARATION SVCS FOR MARKET	299.22	271.94	305.03
TOTAL FARM LABOR & MANAGEMENT	185.26	106.64	241.70
FARM LABOR CONTRACTORS	173.53	92.86	244.65
FARM MANAGEMENT SERVICES	269.45	196.67	221.45

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	37.6	31.4	36.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.6	34.7	35.7
VEGETABLES AND MELONS	46.6	39.4	37.9
TOTAL FRUITS AND TREE NUTS	33.1	27.1	29.8
BERRIES	30.9	25.6	26.8
GRAPES	0.0	0.0	0.0
CITRUS FRUITS	37.9	31.2	34.6
OTHER FRUITS AND NUTS	36.8	27.3	36.5
TOTAL HORTICULTURAL SPECIALTIES	42.1	36.8	40.5
ORNAMENTAL FLORAL & NURSERY	42.1	36.3	40.7
FOOD CROPS GROWN UNDER COVER	43.3	43.9	37.2
GENERAL FARM PRIMARILY CROP	41.2	37.2	34.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.0	41.4	45.6
TOTAL AGRICULTURAL SERVICES	32.2	22.3	36.6
CROP SERVICES	41.0	34.7	37.0
HARVEST PRIMARILY BY MACHINE	41.5	31.3	39.2
PREPARATION SVCS FOR MARKET	40.6	37.1	34.9
TOTAL FARM LABOR & MANAGEMENT	27.9	15.3	36.4
FARM LABOR CONTRACTORS	25.9	13.4	36.9
FARM MANAGEMENT SERVICES	42.3	27.7	33.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	6.66	7.03	6.74
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.47	6.90	6.57
VEGETABLES AND MELONS	7.07	7.84	7.82
TOTAL FRUITS AND TREE NUTS	5.71	6.08	5.63
BERRIES	5.19	5.56	5.13
GRAPES	0.00	0.00	0.00
CITRUS FRUITS	7.01	7.07	6.68
OTHER FRUITS AND NUTS	6.26	6.26	6.23
TOTAL HORTICULTURAL SPECIALTIES	6.67	6.80	6.56
ORNAMENTAL FLORAL & NURSERY	6.53	6.57	6.43
FOOD CROPS GROWN UNDER COVER	8.86	9.56	8.91
GENERAL FARM PRIMARILY CROP	6.69	7.02	6.91
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.89	7.93	7.18
TOTAL AGRICULTURAL SERVICES	6.98	7.29	7.11
CROP SERVICES	7.43	7.55	8.00
HARVEST PRIMARILY BY MACHINE	7.53	7.92	7.33
PREPARATION SVCS FOR MARKET	7.37	7.33	8.74
TOTAL FARM LABOR & MANAGEMENT	6.64	6.97	6.64
FARM LABOR CONTRACTORS	6.70	6.93	6.63
FARM MANAGEMENT SERVICES	6.37	7.10	6.65

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

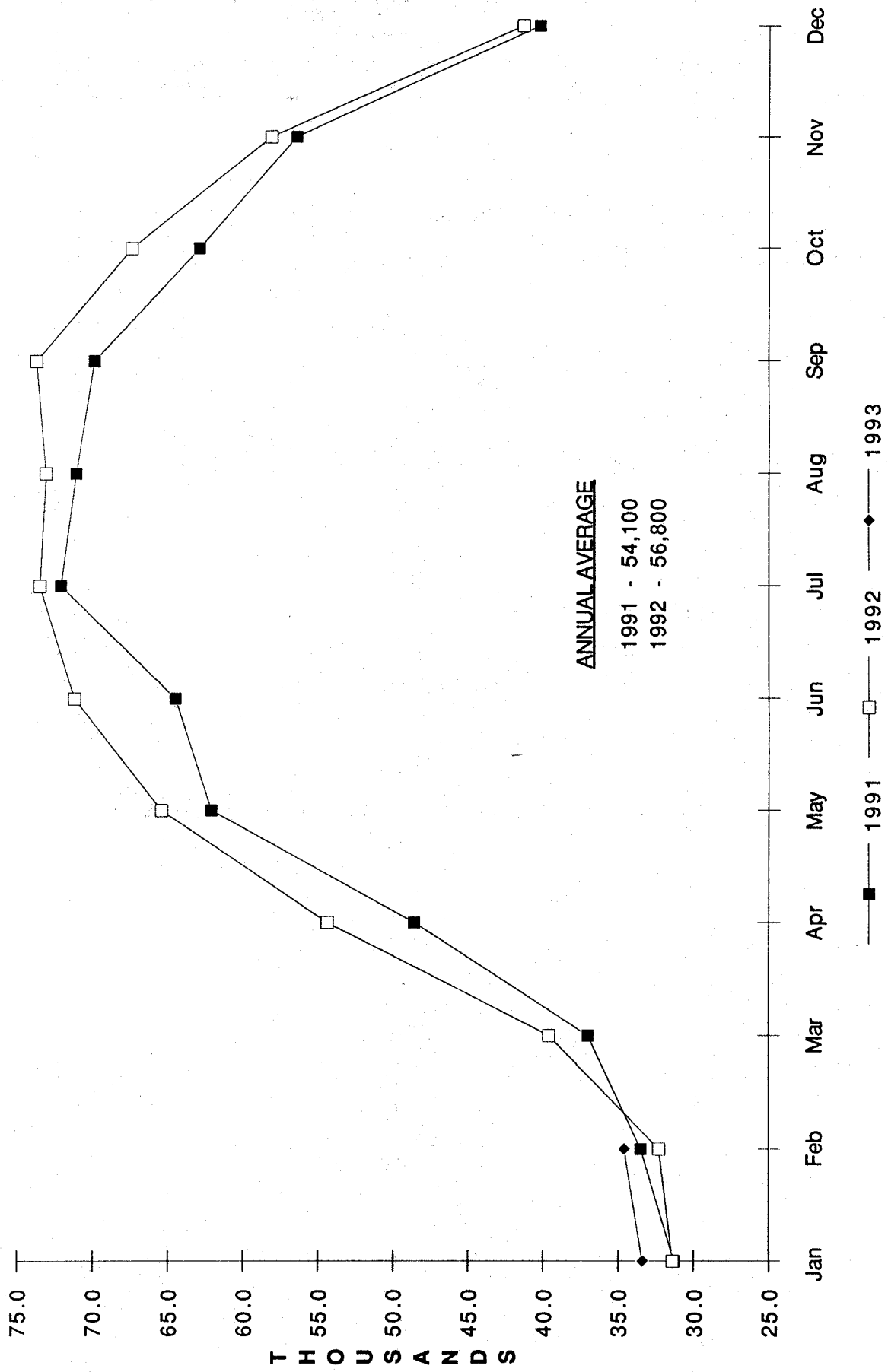


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	34.6	33.4	32.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	21.1	20.4	19.4
VEGETABLES AND MELONS	6.5	6.5	5.3
TOTAL FRUITS AND TREE NUTS	4.5	4.0	3.8
BERRIES	1.7	1.1	2.0
GRAPES	0.7	0.9	0.6
DECIDUOUS TREE FRUIT	2.1	2.0	1.2
OTHER FRUITS AND NUTS	8.9	8.8	8.9
TOTAL HORTICULTURAL SPECIALTIES	6.8	6.7	6.8
ORNAMENTAL FLORAL & NURSERY	2.1	2.1	2.1
FOOD CROPS GROWN UNDER COVER	1.2	1.1	1.4
GENERAL FARM PRIMARILY CROP	1.1	1.1	1.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.4	11.9	11.9
TOTAL AGRICULTURAL SERVICES	9.5	9.1	8.2
CROP SERVICES	2.7	2.7	2.4
HARVEST PRIMARILY BY MACHINE	6.8	6.4	5.8
PREPARATION SVCS FOR MARKET	2.9	2.8	3.7
TOTAL FARM LABOR & MANAGEMENT			

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	30.0	28.7	28.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	17.9	17.1	16.2
VEGETABLES AND MELONS	5.7	5.7	4.4
TOTAL FRUITS AND TREE NUTS	4.0	3.5	3.2
BERRIES	1.5	0.9	1.6
GRAPES	0.6	0.8	0.5
DECIDUOUS TREE FRUIT	1.9	1.8	1.1
OTHER FRUITS AND NUTS	7.3	7.1	7.3
TOTAL HORTICULTURAL SPECIALTIES	5.5	5.3	5.5
ORNAMENTAL FLORAL & NURSERY	1.8	1.8	1.8
FOOD CROPS GROWN UNDER COVER	0.9	0.8	1.3
GENERAL FARM PRIMARILY CROP	0.6	0.6	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.5	11.0	11.1
TOTAL AGRICULTURAL SERVICES	8.6	8.2	7.5
CROP SERVICES	2.6	2.5	2.2
HARVEST PRIMARILY BY MACHINE	6.0	5.7	5.3
PREPARATION SVCS FOR MARKET	2.9	2.8	3.6
TOTAL FARM LABOR & MANAGEMENT			

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	276.79	265.80	279.41
TOTAL AGRICULTURAL PRODUCTION/CROPS	289.54	268.22	278.98
VEGETABLES AND MELONS	245.69	249.20	240.35
TOTAL FRUITS AND TREE NUTS	283.71	219.34	219.45
BERRIES	213.14	195.29	241.43
GRAPES	272.28	182.34	172.44
DECIDUOUS TREE FRUIT	340.46	248.11	209.31
OTHER FRUITS AND NUTS	336.38	312.21	331.45
TOTAL HORTICULTURAL SPECIALTIES	316.39	294.75	318.86
ORNAMENTAL FLORAL & NURSERY	399.59	366.09	370.06
FOOD CROPS GROWN UNDER COVER	214.33	213.41	256.06
GENERAL FARM PRIMARILY CROP	304.71	285.38	349.43
TOTAL AGRIC PRODUCTION/LIVESTOCK	255.19	260.82	276.06
TOTAL AGRICULTURAL SERVICES	269.45	284.69	286.74
CROP SERVICES	309.28	258.12	269.89
HARVEST PRIMARILY BY MACHINE	253.01	297.23	294.05
PREPARATION SVCS FOR MARKET	210.37	190.99	254.03
TOTAL FARM LABOR & MANAGEMENT			

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	35.9	34.7	36.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.4	36.1	37.7
VEGETABLES AND MELONS	35.3	35.6	33.9
TOTAL FRUITS AND TREE NUTS	34.1	27.8	28.5
BERRIES	33.2	29.5	30.6
GRAPES	40.7	29.6	30.2
DECIDUOUS TREE FRUIT	32.8	26.2	24.8
OTHER FRUITS AND NUTS	43.8	40.6	43.9
TOTAL HORTICULTURAL SPECIALTIES	43.7	39.3	45.1
ORNAMENTAL FLORAL & NURSERY	44.3	44.7	40.4
FOOD CROPS GROWN UNDER COVER	33.7	34.7	37.6
GENERAL FARM PRIMARILY CROP	40.9	37.6	44.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	31.7	32.4	33.3
TOTAL AGRICULTURAL SERVICES	32.9	34.3	35.4
CROP SERVICES	39.1	35.9	35.7
HARVEST PRIMARILY BY MACHINE	30.3	33.7	35.3
PREPARATION SVCS FOR MARKET	27.9	26.9	28.9
TOTAL FARM LABOR & MANAGEMENT			

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	7.71	7.66	7.74
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.54	7.43	7.40
VEGETABLES AND MELONS	6.96	7.00	7.09
TOTAL FRUITS AND TREE NUTS	8.32	7.89	7.70
BERRIES	6.42	6.62	7.89
GRAPES	6.69	6.16	5.71
DECIDUOUS TREE FRUIT	10.38	9.47	8.44
OTHER FRUITS AND NUTS	7.68	7.69	7.55
TOTAL HORTICULTURAL SPECIALTIES	7.24	7.50	7.07
ORNAMENTAL FLORAL & NURSERY	9.02	8.19	9.16
FOOD CROPS GROWN UNDER COVER	6.36	6.15	6.81
GENERAL FARM PRIMARILY CROP	7.45	7.59	7.87
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.05	8.05	8.29
TOTAL AGRICULTURAL SERVICES	8.19	8.30	8.10
CROP SERVICES	7.91	7.19	7.56
HARVEST PRIMARILY BY MACHINE	8.35	8.82	8.33
PREPARATION SVCS FOR MARKET	7.54	7.10	8.79
TOTAL FARM LABOR & MANAGEMENT			

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

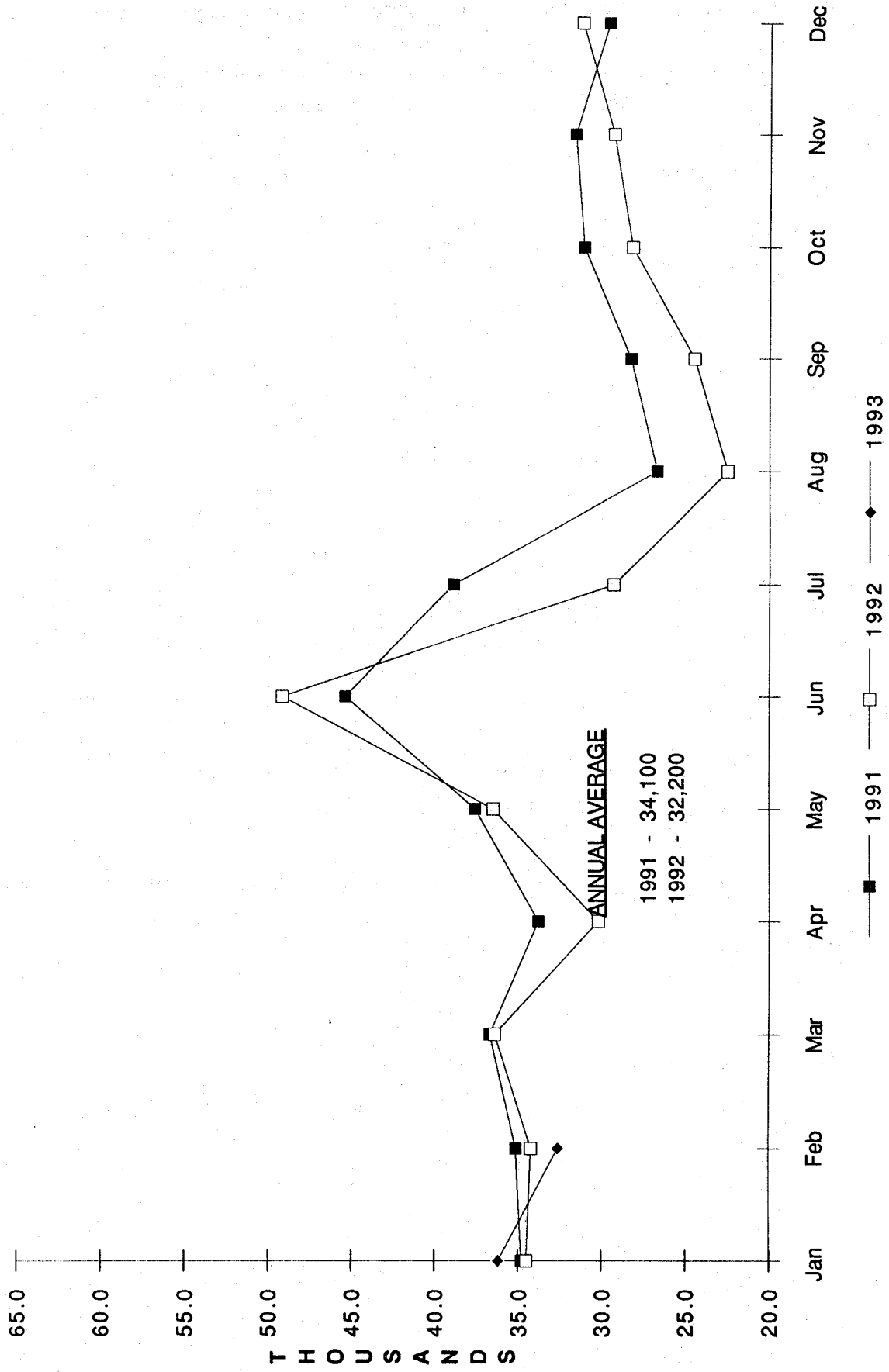


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	32.6	36.2	34.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.8	16.4	13.1
FIELD CROPS	1.3	1.2	1.4
VEGETABLES AND MELONS	4.0	3.6	4.1
TOTAL FRUITS AND TREE NUTS	3.6	6.0	2.9
GRAPES	1.3	4.2	1.3
CITRUS FRUITS	1.2	0.8	0.7
OTHER FRUITS AND NUTS	1.1	1.0	0.9
HORTICULTURAL SPECIALTIES	0.9	1.1	1.0
GENERAL FARM PRIMARILY CROP	5.0	4.5	3.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.2	5.2	5.5
DAIRY FARMS	2.6	2.6	2.6
CHICKEN EGGS	1.1	1.1	1.3
OTHER LIVESTOCK	1.5	1.5	1.6
TOTAL AGRICULTURAL SERVICES	12.6	14.6	15.6
CROP SERVICES	5.7	5.4	5.7
PLANT CULTIVATE & PROTECTION	1.2	1.1	0.9
HARVEST PRIMARILY BY MACHINE	0.8	0.8	0.8
PREPARATION SVCS FOR MARKET	3.7	3.5	4.0
TOTAL FARM LABOR & MANAGEMENT	6.9	9.2	9.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	30.3	33.5	31.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.5	15.0	11.7
FIELD CROPS	1.1	1.0	1.2
VEGETABLES AND MELONS	3.6	3.2	3.6
TOTAL FRUITS AND TREE NUTS	3.3	5.7	2.7
GRAPES	1.2	4.0	1.2
CITRUS FRUITS	1.1	0.8	0.7
OTHER FRUITS AND NUTS	1.0	0.9	0.8
HORTICULTURAL SPECIALTIES	0.7	0.9	0.8
GENERAL FARM PRIMARILY CROP	4.8	4.2	3.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.7	4.5	4.7
DAIRY FARMS	2.5	2.4	2.5
CHICKEN EGGS	0.9	0.8	0.9
OTHER LIVESTOCK	1.3	1.3	1.3
TOTAL AGRICULTURAL SERVICES	12.1	14.0	14.9
CROP SERVICES	5.3	4.9	5.2
PLANT CULTIVATE & PROTECTION	1.0	0.8	0.7
HARVEST PRIMARILY BY MACHINE	0.8	0.8	0.7
PREPARATION SVCS FOR MARKET	3.5	3.3	3.8
TOTAL FARM LABOR & MANAGEMENT	6.8	9.1	9.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	264.32	228.75	234.15
TOTAL AGRICULTURAL PRODUCTION/CROPS	253.49	211.76	246.35
FIELD CROPS	253.99	234.93	222.89
VEGETABLES AND MELONS	297.47	289.07	278.52
TOTAL FRUITS AND TREE NUTS	251.26	207.68	233.10
GRAPES	290.32	199.16	228.92
CITRUS FRUITS	215.15	221.43	270.44
OTHER FRUITS AND NUTS	246.33	234.21	209.57
HORTICULTURAL SPECIALTIES	263.44	221.10	258.69
GENERAL FARM PRIMARILY CROP	220.21	149.52	229.32
TOTAL AGRIC PRODUCTION/LIVESTOCK	398.37	398.96	391.20
DAIRY FARMS	456.49	457.44	465.13
CHICKEN EGGS	301.45	291.52	286.42
OTHER LIVESTOCK	353.71	360.06	326.86
TOTAL AGRICULTURAL SERVICES	225.09	191.66	174.46
CROP SERVICES	231.41	193.80	224.09
PLANT CULTIVATE & PROTECTION	232.12	173.89	254.33
HARVEST PRIMARILY BY MACHINE	193.98	149.28	189.90
PREPARATION SVCS FOR MARKET	239.78	209.63	224.73
TOTAL FARM LABOR & MANAGEMENT	220.81	190.12	147.83

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	39.1	33.2	35.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.7	31.7	37.9
FIELD CROPS	38.6	34.6	35.1
VEGETABLES AND MELONS	44.8	44.2	42.2
TOTAL FRUITS AND TREE NUTS	36.1	29.5	37.0
GRAPES	38.1	27.7	37.9
CITRUS FRUITS	31.5	30.5	38.8
OTHER FRUITS AND NUTS	39.1	37.0	34.3
HORTICULTURAL SPECIALTIES	37.0	33.0	34.4
GENERAL FARM PRIMARILY CROP	36.1	24.0	36.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.7	48.3	48.0
DAIRY FARMS	47.9	47.7	48.1
CHICKEN EGGS	48.7	46.2	45.9
OTHER LIVESTOCK	50.1	51.0	49.3
TOTAL AGRICULTURAL SERVICES	35.9	29.9	28.6
CROP SERVICES	36.5	30.0	33.8
PLANT CULTIVATE & PROTECTION	36.1	25.8	41.9
HARVEST PRIMARILY BY MACHINE	30.5	24.0	30.0
PREPARATION SVCS FOR MARKET	38.0	32.5	33.0
TOTAL FARM LABOR & MANAGEMENT	35.5	29.8	25.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	6.76	6.89	6.69
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.55	6.68	6.50
FIELD CROPS	6.58	6.79	6.35
VEGETABLES AND MELONS	6.64	6.54	6.60
TOTAL FRUITS AND TREE NUTS	6.96	7.04	6.30
GRAPES	7.62	7.19	6.04
CITRUS FRUITS	6.83	7.26	6.97
OTHER FRUITS AND NUTS	6.30	6.33	6.11
HORTICULTURAL SPECIALTIES	7.12	6.70	7.52
GENERAL FARM PRIMARILY CROP	6.10	6.23	6.37
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.18	8.26	8.15
DAIRY FARMS	9.53	9.59	9.67
CHICKEN EGGS	6.19	6.31	6.24
OTHER LIVESTOCK	7.06	7.06	6.63
TOTAL AGRICULTURAL SERVICES	6.27	6.41	6.10
CROP SERVICES	6.34	6.46	6.63
PLANT CULTIVATE & PROTECTION	6.43	6.74	6.07
HARVEST PRIMARILY BY MACHINE	6.36	6.22	6.33
PREPARATION SVCS FOR MARKET	6.31	6.45	6.81
TOTAL FARM LABOR & MANAGEMENT	6.22	6.38	5.73

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

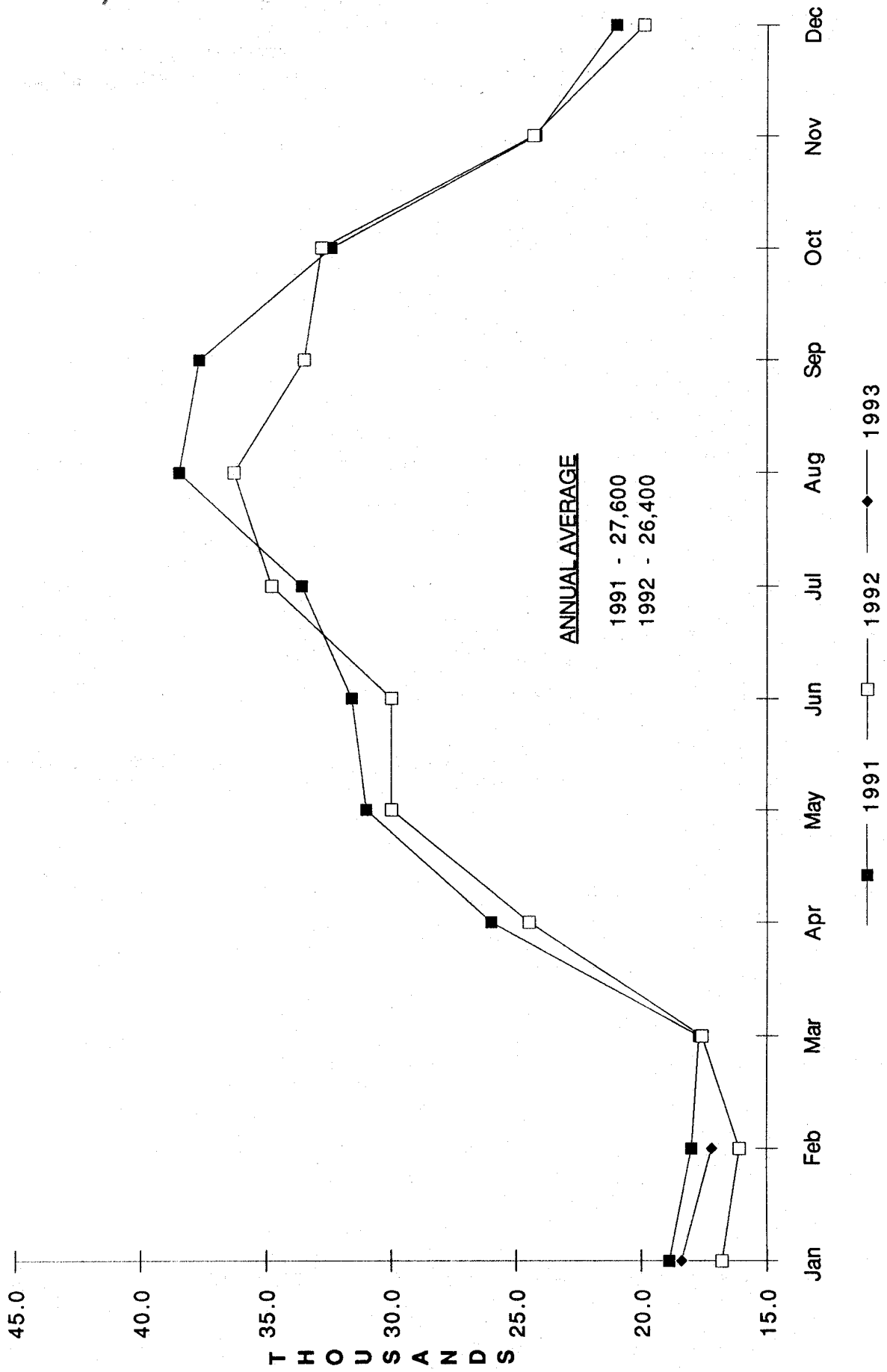


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	17.2	18.4	16.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.4	12.9	10.9
RICE	0.8	0.7	0.7
VEGETABLES AND MELONS	0.6	0.4	0.6
TOTAL FRUIT AND TREE NUTS	6.0	6.2	5.3
TREE NUTS	1.6	1.6	1.5
DECIDUOUS TREE FRUIT	3.0	3.2	2.2
OTHER FRUITS AND NUTS	1.4	1.4	1.6
HORTICULTURAL SPECIALTIES	1.2	2.8	1.1
GENERAL FARM PRIMARILY CROP	2.8	2.8	3.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.2	2.1	2.1
TOTAL AGRICULTURAL SERVICES	3.6	3.4	3.1
CROP SERVICES	1.7	1.6	1.8
HARVEST PRIMARILY BY MACHINE	0.6	0.5	0.7
PREPARATION SVCS FOR MARKET	1.1	1.1	1.1
TOTAL FARM LABOR & MANAGEMENT	1.9	1.8	1.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	14.7	16.0	13.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.7	11.4	9.2
RICE	0.6	0.6	0.5
VEGETABLES AND MELONS	0.5	0.3	0.4
TOTAL FRUIT AND TREE NUTS	5.5	5.7	4.8
TREE NUTS	1.4	1.4	1.3
DECIDUOUS TREE FRUIT	2.8	3.0	2.1
OTHER FRUITS AND NUTS	1.3	1.3	1.4
HORTICULTURAL SPECIALTIES	0.9	2.7	0.9
GENERAL FARM PRIMARILY CROP	2.2	2.1	2.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.7
TOTAL AGRICULTURAL SERVICES	3.2	2.8	2.5
CROP SERVICES	1.4	1.1	1.3
HARVEST PRIMARILY BY MACHINE	0.5	0.3	0.5
PREPARATION SVCS FOR MARKET	0.9	0.8	0.8
TOTAL FARM LABOR & MANAGEMENT	1.8	1.7	1.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	257.67	233.84	261.36
TOTAL AGRICULTURAL PRODUCTION/CROPS	241.85	218.89	234.70
RICE	374.82	282.86	419.14
VEGETABLES AND MELONS	344.42	340.33	363.65
TOTAL FRUIT AND TREE NUTS	195.22	208.30	194.88
TREE NUTS	253.83	187.74	212.00
DECIDUOUS TREE FRUIT	140.11	191.55	194.70
OTHER FRUITS AND NUTS	249.48	269.17	179.74
HORTICULTURAL SPECIALTIES	385.11	194.19	254.80
GENERAL FARM PRIMARILY CROP	248.40	244.30	241.55
TOTAL AGRIC PRODUCTION/LIVESTOCK	326.19	319.60	335.25
TOTAL AGRICULTURAL SERVICES	265.44	239.55	307.85
CROP SERVICES	307.93	261.65	314.39
HARVEST PRIMARILY BY MACHINE	370.36	280.50	286.84
PREPARATION SVCS FOR MARKET	275.22	253.68	330.68
TOTAL FARM LABOR & MANAGEMENT	233.92	224.67	300.62

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	39.1	37.0	39.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.7	34.8	36.5
RICE	42.4	33.2	47.2
VEGETABLES AND MELONS	41.9	43.8	45.8
TOTAL FRUIT AND TREE NUTS	33.2	36.1	33.2
TREE NUTS	40.1	29.8	35.1
DECIDUOUS TREE FRUIT	22.1	32.8	33.0
OTHER FRUITS AND NUTS	49.5	50.5	31.7
HORTICULTURAL SPECIALTIES	52.9	30.2	38.9
GENERAL FARM PRIMARILY CROP	36.8	36.3	38.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.4	47.0	45.0
TOTAL AGRICULTURAL SERVICES	42.0	39.4	47.0
CROP SERVICES	41.5	36.8	42.6
HARVEST PRIMARILY BY MACHINE	47.0	37.5	37.3
PREPARATION SVCS FOR MARKET	38.6	36.5	45.8
TOTAL FARM LABOR & MANAGEMENT	42.3	41.3	52.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	6.59	6.32	6.60
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.59	6.29	6.43
RICE	8.84	8.52	8.88
VEGETABLES AND MELONS	8.22	7.77	7.94
TOTAL FRUIT AND TREE NUTS	5.88	5.77	5.87
TREE NUTS	6.33	6.30	6.04
DECIDUOUS TREE FRUIT	6.34	5.84	5.90
OTHER FRUITS AND NUTS	5.04	5.33	5.67
HORTICULTURAL SPECIALTIES	7.28	6.43	6.55
GENERAL FARM PRIMARILY CROP	6.75	6.73	6.34
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.03	6.80	7.45
TOTAL AGRICULTURAL SERVICES	6.32	6.08	6.55
CROP SERVICES	7.42	7.11	7.38
HARVEST PRIMARILY BY MACHINE	7.88	7.48	7.69
PREPARATION SVCS FOR MARKET	7.13	6.95	7.22
TOTAL FARM LABOR & MANAGEMENT	5.53	5.44	5.77

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

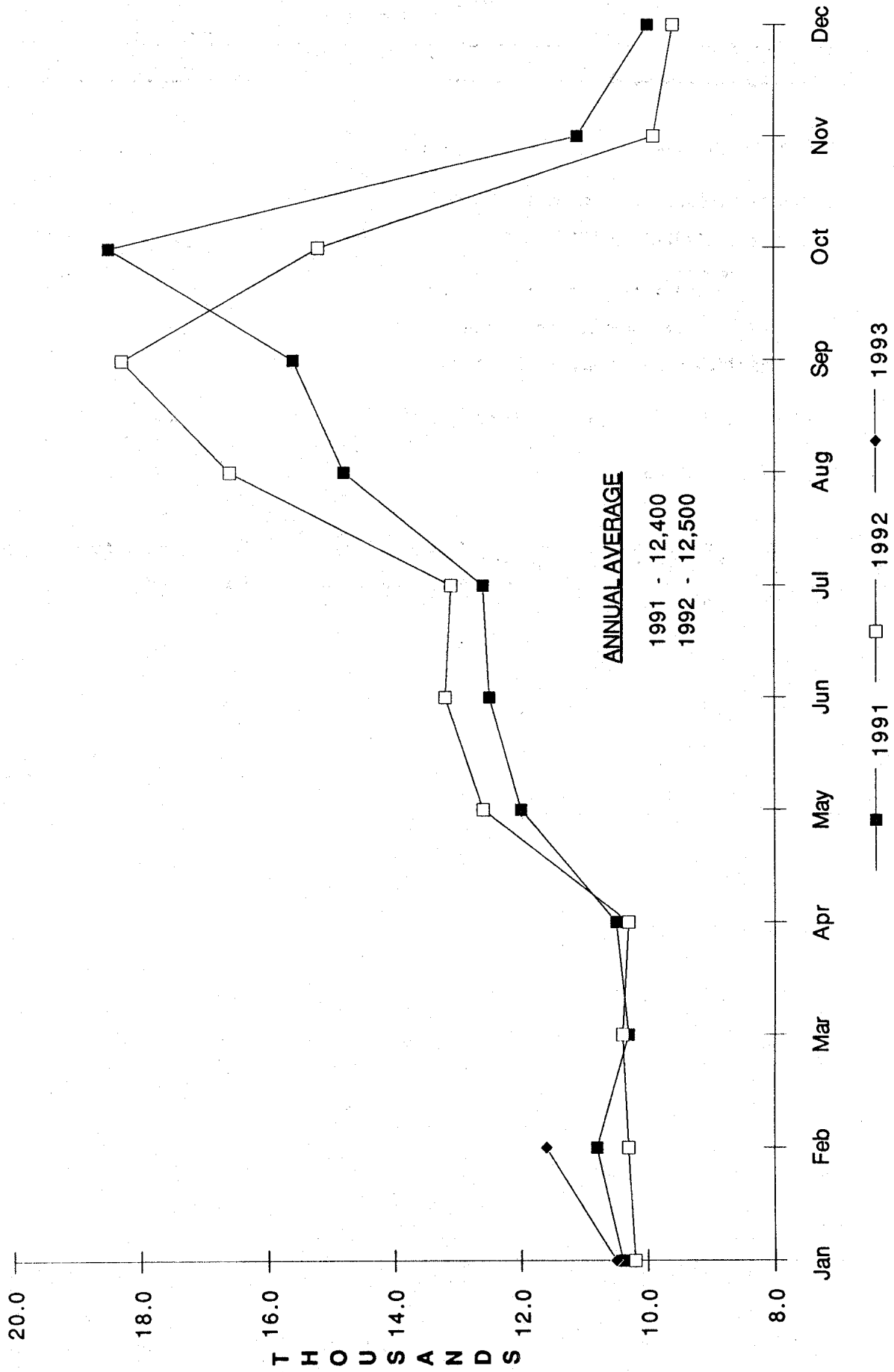


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	11.6	10.5	10.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.5	7.5	7.3
TOTAL FRUITS AND TREE NUTS	6.9	6.2	5.7
GRAPES	5.8	5.1	4.6
OTHER FRUITS AND NUTS	1.1	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.2	0.9	1.3
GENERAL FARM PRIMARILY CROP (2)	0.4	0.4	0.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.8
TOTAL AGRICULTURAL SERVICES	1.3	1.2	1.2

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	9.0	8.5	8.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.5	6.1	5.9
TOTAL FRUITS AND TREE NUTS	5.4	4.9	4.5
GRAPES	4.4	3.9	3.5
OTHER FRUITS AND NUTS	1.0	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.0	0.8	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.4	1.4	1.5
TOTAL AGRICULTURAL SERVICES	1.1	1.0	1.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	301.18	255.11	248.71
TOTAL AGRICULTURAL PRODUCTION/CROPS	272.52	234.05	223.94
TOTAL FRUITS AND TREE NUTS	284.57	235.56	218.16
GRAPES	291.95	237.40	224.55
OTHER FRUITS AND NUTS	251.91	226.79	198.36
TOTAL HORTICULTURAL SPECIALTIES	219.72	285.48	238.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	320.02	308.66	307.56
TOTAL AGRICULTURAL SERVICES	441.00	306.00	301.95

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
 AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN HOURS PER WEEK)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	41.6	33.7	36.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	38.6	30.2	34.4
TOTAL FRUITS AND TREE NUTS	39.8	30.2	31.3
GRAPES	39.4	29.2	28.9
OTHER FRUITS AND NUTS	41.5	33.9	40.4
TOTAL HORTICULTURAL SPECIALTIES	33.7	36.6	45.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.2	46.0	46.6
TOTAL AGRICULTURAL SERVICES	51.7	37.5	36.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	FEB 1993	JAN 1993	FEB 1992
TOTAL AGRICULTURAL	7.24	7.57	6.74
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.06	7.75	6.51
TOTAL FRUITS AND TREE NUTS	7.15	7.80	6.97
GRAPES	7.41	8.13	7.77
OTHER FRUITS AND NUTS	6.07	6.69	4.91
TOTAL HORTICULTURAL SPECIALTIES	6.52	7.80	5.27
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.78	6.71	6.60
TOTAL AGRICULTURAL SERVICES	8.53	8.16	8.25

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.